

What is claimed is:

1. A flat cathode-ray tube comprising an electron gun having a main focus lens whose center coincides with a tube axis, a deflection yoke, and a magnet disposed outside of a neck, characterized in that

2. The flat cathode-ray tube according to claim 1, characterized in that an electron beam at the time of non-deflection is irradiated on a screen inoperative portion except a frit junction portion of a tube body.

4. The electron gun for the flat cathode-ray tube according to claim 3, characterized in that centers of electron beam through holes of first and third grids of the plurality of grids coincide with a center axis of the electron gun, and a center of an electron beam through hole of second grid is separated from the center axis.

5. The electron gun for the flat cathode-ray tube according to claim 4, characterized in that an axis-separating



